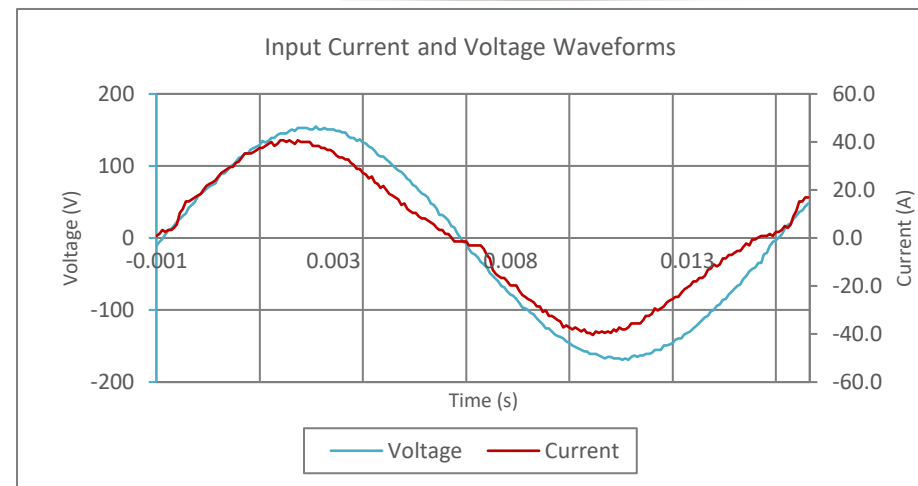


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.25%
AVERAGE EFFICIENCY :	89.91%
80 PLUS COMPLIANT:	YES



ID Number	5891
Manufacturer	Cooler Master Technology Inc.
Model Number	MPY-5501-SFHAGV
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	1/23/20

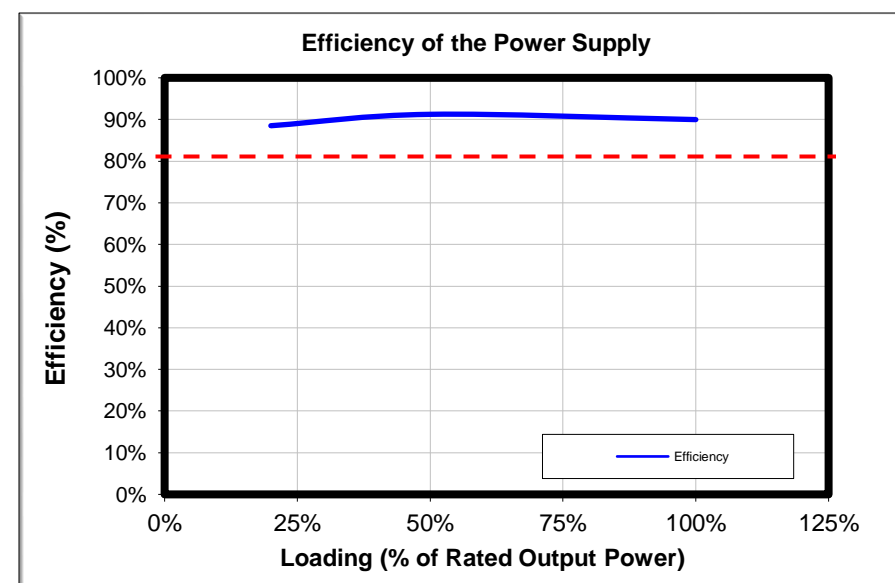
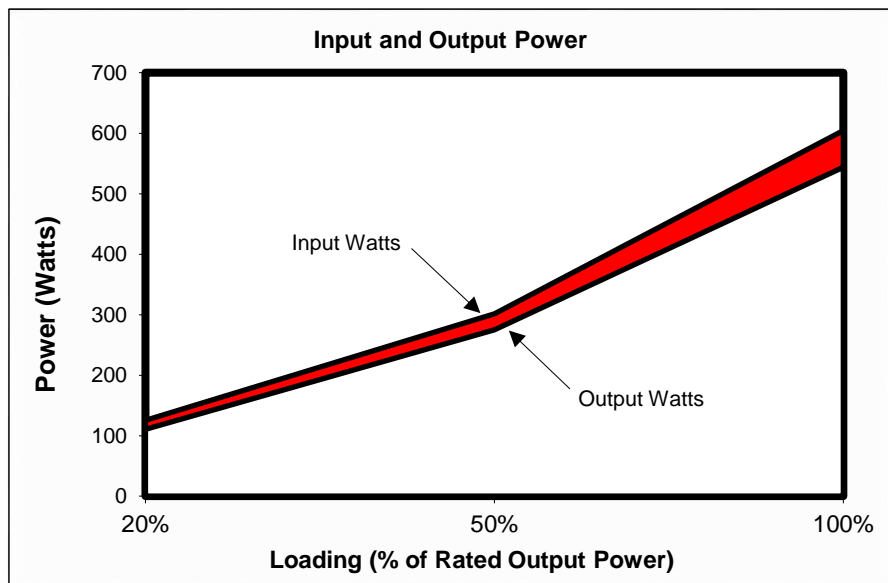


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

Input AC Current Waveform (ITHD = 14.72%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.69	0.82	12.68%	10%	65.53	12.04/3.67	12.26/0.02	3.36/1.16	5/1.16	5.11/0.24	55.34	84.44%
1.17	0.93	11.18%	20%	124.99	12.02/7.35	12.27/0.05	3.36/2.31	4.99/2.3	5.1/0.48	110.62	88.51%
2.71	0.97	14.72%	50%	301.40	11.95/18.41	12.29/0.12	3.34/5.78	4.98/5.73	5.06/1.2	275.01	91.25%
5.32	0.99	8.89%	100%	604.30	11.83/36.76	12.33/0.24	3.31/11.57	4.94/11.44	4.99/2.4	543.71	89.97%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

